TABLE 13

Muscovite-Paragonite Data

Specimen	Other Phases Investigated	Assemblage																Locality	Internal Standard*	Resolution of Measurement	d(002)(Å) Muscovite	d(002)(Å) Paragonite
		Qtz	Mus	Par	Alb	Chl	Alm	Ctd	Bio	Epi	Tou	Mag	Hem	Cal	Zir	Sph	Gra					
Hoosac Formation																						
33-b	Alm, Bio	20	40		20-P	tr	1		10	tr		tr		1				(6)	Quartz	Good	9.966	9.582
39	Chl	55		30	5-P	8	1			tr		1						(6)	Silicon }	Good	9.957	9.576
																			Quartz }	Good	9.960	9.582
																			Quartz	Good	9.954	9.591
200	none	50	40			5						tr	tr	5				(3)	Quartz	Good	9.954	9.585
																			Quartz	Good	9.969	9.585
																			Quartz	Good	9.958	9.585
326-2	none	tr		65		2	1-P	30-P				1						(9)	Silicon	Good	9.936	9.627
377	Alm	✓	✓			✓	✓-P	✓										(6)	Silicon }	Good	9.952	9.624
																			Quartz }	Good	9.945	9.624
412	Chl, Alm	44	44			tr	10	tr				tr						(9)	Silicon }	Good	9.942	9.615
								tr[1]											Quartz }	Good	9.948	9.621
431	none	5	25	25	40-P	tr[2]	1		2		tr	1						(9)	Silicon }	Poor	present	9.591
																			Quartz }	Poor	present	9.603
																			Quartz	Poor	9.972	9.582
																			Silicon }	Poor	9.957	9.591
																			Quartz }	Poor	9.954	9.585
607	Chl, Alm	40	35		10-P	4	10-P	tr[1]			tr	tr						(3)	Silicon	Good	9.954	9.579
																			Quartz	Good	9.960	9.588
673	Chl, Alm	55	30		5-P	3	5-P	tr[1]		1	tr	tr			tr	tr		(6)	Silicon	Good-Poor	9.950	9.591
																			Quartz	Good-Poor	9.961	9.600
843	Alm	10	60		2	7[2]	20-P	tr[1]				1						(9)	Silicon	Good	9.954	9.581
																			Silicon	Good	9.957	9.584
884-b	Alm	2	80		2-P	3[2]	10-P	tr				tr					tr	(6)	Silicon }	Good	9.957	9.597
																			Quartz }	Poor	9.945	9.585
																			Silicon	Good		9.612
																			Quartz	Good	9.966	9.570
2235	Alm	5		80	5-P	2	5-P				tr	tr					tr	(1)	Silicon	Good	9.957	9.573
2290	Chl, Alm	15	70		2-P	1	10-P					1					tr	(1)	Silicon }	Good	9.945	9.579
																			Quartz }	Good	9.954	9.585

Brackets indicate 2 internal standards in one determination.

1 = armored by garnet

2 = secondary

* = All specimens contain both muscovite and paragonite. The total amount of white mica is indicated in the column corresponding to the predominant white mica.

✓ = highly variable